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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=1; day=16; hr=13; min=6; sec=56; ms=46;]

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Application No: 10564588 Version No: 2.0

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Finished: 2007-12-31 15:18:05.258
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Total Errors: 0
No. of SeqIDs Defined: 73
Actual SeqID Count: 73

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SEQUENCE LISTING

<110> Lutter, Petra
 Weingarten, Petra
 Huls, Christoph
 Meyer, Helmut E.
 Schmitt, Edgar E.
 Joneleit, Helmut E.

<120> Regulatory T-Cells containing Galectins for the Therapy and
 Diagnosis of Diseases

<130> 14462-00006-US

<140> 10564588
 <141> 2007-12-31

<150> PCT/EP2004/007890
 <151> 2004-07-15

<150> DE10333406
 <151> 2003-07-15

<160> 73

<170> PatentIn version 3.1

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 <212> PRT
 <213> Homo Sapiens

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 35 40 45
 Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met Asn
 50 55 60
 Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn Met
 65 70 75 80
 Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu Pro
 85 90 95
 Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe Asp
 100 105 110
 His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg Asp
 115 120 125

Ile Ser Leu Thr Lys Phe Asn Val Ser Tyr Leu Lys Arg
130 135 140

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Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser
35 40 45

Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
50 55 60

Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
65 70 75 80

Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
85 90 95

Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe
100 105 110

Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg
115 120 125

Asp Ile Ser Leu Thr Lys Phe Asn Val Ser Tyr Leu Lys Arg
130 135 140

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Pro Asp Lys Tyr

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35 40 45

Arg Phe Asn Ala His Gly Asp Ala Asn Thr Ile Val Cys Asn Ser Lys
50 55 60

Asp Gly Gly Ala Trp Gly Thr Glu Gln Arg Glu Ala Val Phe Pro Phe
65 70 75 80

Gln Pro Gly Ser Val Ala Glu Val Cys Ile Thr Phe Asp Gln Ala Asn
85 90 95

Leu Thr Val Lys Leu Pro Asp Gly Tyr Glu Phe Lys Phe Pro Asn Arg
100 105 110

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Ile Lys Cys Val Ala Phe Asp
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<213> Mus musculus

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20 25 30

Leu Asn Leu Gly Lys Asp Ser Asn Asn Leu Cys Leu His Phe Asn Pro
35 40 45

Arg Phe Asn Ala His Gly Asp Ala Asn Thr Ile Val Cys Asn Thr Lys
50 55 60

Glu Asp Gly Thr Trp Gly Thr Glu His Arg Glu Pro Ala Phe Pro Phe

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 20 25 30
 Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser
 35 40 45
 Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
 50 55 60
 Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
 65 70 75 80
 Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
 85 90 95
 Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe
 100 105 110
 Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg
 115 120 125
 Asp Ile Ser Leu Thr Lys Phe Asn Val Ser Tyr Leu Lys
 130 135 140

<210> 9
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<400> 9
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 20 25 30
 Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser

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Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met		
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Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn		
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Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu		
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Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe		
	100	105 110
Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg		
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Asp Ile Ser Leu Thr Lys Phe Asn Val Ser Tyr Leu		
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 <213> Homo Sapiens

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Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser
35 40 45

Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
50 55 60

Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
65 70 75 80

Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
85 90 95

Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe
100 105 110

Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg
115 120 125

Asp Ile Ser Leu Thr Lys Phe Asn Val Ser Tyr
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Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser
35 40 45

Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
50 55 60

Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
65 70 75 80

Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
85 90 95

Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe
100 105 110

Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg
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Asp Ile Ser Leu Thr Lys Phe Asn Val Ser
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<210> 12
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<212> PRT
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35 40 45

Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
50 55 60

Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
65 70 75 80

Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
85 90 95

Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe

100	105	110
Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg		
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Asp Ile Ser Leu Thr Lys Phe Asn Val
130 135

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 <213> Homo sapiens

<400> 13
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20 25 30

Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser
35 40 45

Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
50 55 60

Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
65 70 75 80

Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
85 90 95

Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe
100 105 110

Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg
115 120 125

Asp Ile Ser Leu Thr Lys Phe Asn
130 135

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20 25 30

Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser
35 40 45

Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
50 55 60

Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
65 70 75 80

Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
85 90 95

Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe
100 105 110

Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg
115 120 125

Asp Ile Ser Leu Thr Lys Phe
130 135

<210> 15
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<400> 15
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20 25 30

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35 40 45

Asp Ile Val Phe His Phe Gln Val Cys Phe Gly Arg Arg Val Val Met
50 55 60

Asn Ser Arg Glu Tyr Gly Ala Trp Lys Gln Gln Val Glu Ser Lys Asn
65 70 75 80

Met Pro Phe Gln Asp Gly Gln Glu Phe Glu Leu Ser Ile Ser Val Leu
85 90 95

Pro Asp Lys Tyr Gln Val Met Val Asn Gly Gln Ser Ser Tyr Thr Phe
100 105 110

Asp His Arg Ile Lys Pro Glu Ala Val Lys Met Val Gln Val Trp Arg
115 120 125

Asp Ile Ser Leu Thr
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<213> Homo sapiens

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20 25 30

Glu Pro Tyr Leu Gln Val Asp Phe His Thr Glu Met Lys Glu Glu Ser
35 40 45

Asp Ile Val